CORCOM FILTER - 20 SRB

Corcom SRB Series Power Inlet Filter

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The Corcom SRB filter series has been extended to incorporate the IEC60320/C20 receptacle for cord connected applications up to 20Amps. The new products are UL & CSA approved at 20 Amps and VDE approved at 16 Amps. The SRB series is specifically designed to attenuate from emitting through a typical AC receptacle. EMI shielding is provided around the receptacle to reduce the aperture created from the mounting cut-out in the panel. An available selection of EMI filters are designed to further address system.

Benefits

- Minimum depth 20A IEC inlet
- Filtered versions with 3 different attenuation levels
- Unfiltered versions available
- Flange mount or snap-In
- Spade terminals or wire lead termination

Applications

- **Instrumentation & measurement equipment**
- **Home appliances**
- **Computing & accessories**
- **Consumer electronics**
- **TV / Audio / Video equipment**
- **Medical equipment**

Electrical

- **Rated current:** 20A /16A
- **Rated voltage (max):** 250VAC
- **Operating frequency:** 50/60Hz
- **Capacitor values:** omit = none
  W 0.47µF
  X 1.0 µF
  Y 2.2 µF

Mechanical

- **Light weight**
- **Minimum size**
- **2 different mounting & termination styles**

Standards

- **UL Recognized**
- **CSA Certified**
- **VDE Approved** (at 16A current rating)

Ordering Information

20 SRB S 8 -Q

- **Capacitor ID**
  See Capacitor values under Electrical
  Omit if none (non-filtered)
- **Output Styles**
  8 - Wire leads
  1 - Spade terminals
- **Mounting Style**
  Omit = Flange mount
  S = Snap-In
- **SRB Series**
- **Current Rating**
  20A*

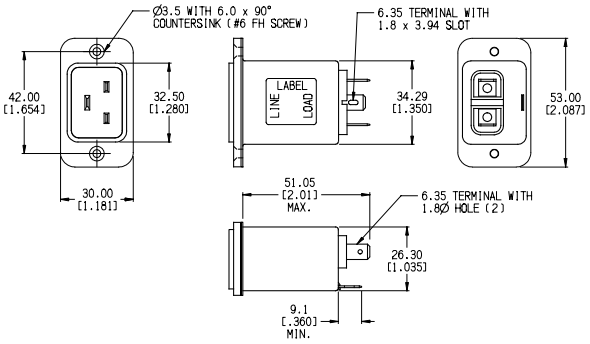
** 20A versions are tested by Underwriters Laboratories to US and Canadian requirements and are VDE approved at 16A, 250VAC*

Product Selection Information

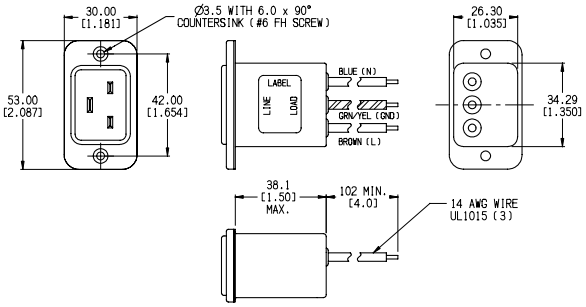
Part Number	Description	Part Number	Description
5-1609152-1	20SRB1	5-1609152-9	20SRBS1
5-1609152-2	20SRB1-X	6-1609152-0	20SRBS1-X
5-1609152-3	20SRB1-Y	6-1609152-1	20SRBS1-W
5-1609152-4	20SRB1-W	6-1609152-2	20SRBS1-Y
5-1609152-5	20SRB8	6-1609152-3	20SRBS8
5-1609152-6	20SRB8-X	6-1609152-4	20SRBS8-X
5-1609152-7	20SRB8-W	6-1609152-5	20SRBS8-W
5-1609152-8	20SRB8-Y	6-1609152-6	20SRBS8-Y

Case Styles

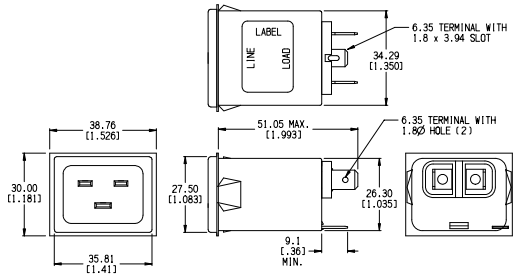
20SRB1



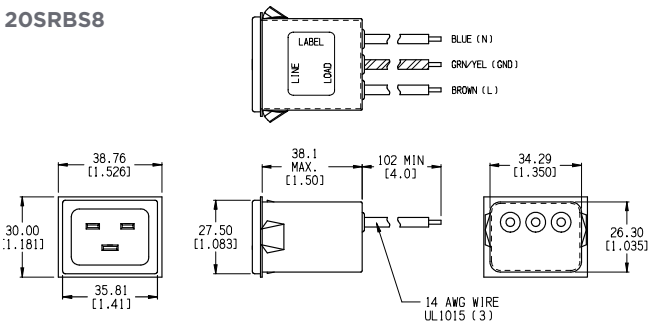
20SRB8



20SRBS1

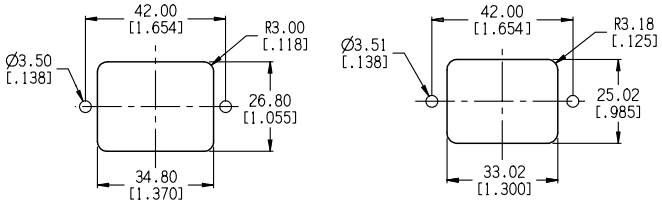


20SRBS8

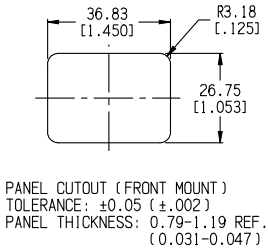


Recommended panel cutouts

20SRB1 20SRB8



20SRBS1 20SRBS8



Performance data

Common Mode / Asymmetrical (Line to Ground) Minimum Insertion Loss - Measured in closed 50 Ohm system

Capacitor ID	Frequency — MHz					
	1	5	10	50	100	300
W		2	4	18	13	20
X		5	9	25	10	1
Y	1	10	15	20	8	22

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